



Norman E. Borlaug International Agricultural Science and Technology Fellowship Program



The United States Department of Agriculture (USDA)

The Foreign Agricultural Service (FAS)



Norman Borlaug

(March 25, 1914 – September 12, 2009)
American biologist
Called "the father of the <u>Green Revolution"</u>

Received his <u>Ph.D.</u> in <u>plant pathology</u> and <u>genetics</u> from the <u>University of Minnesota</u> in 1942.

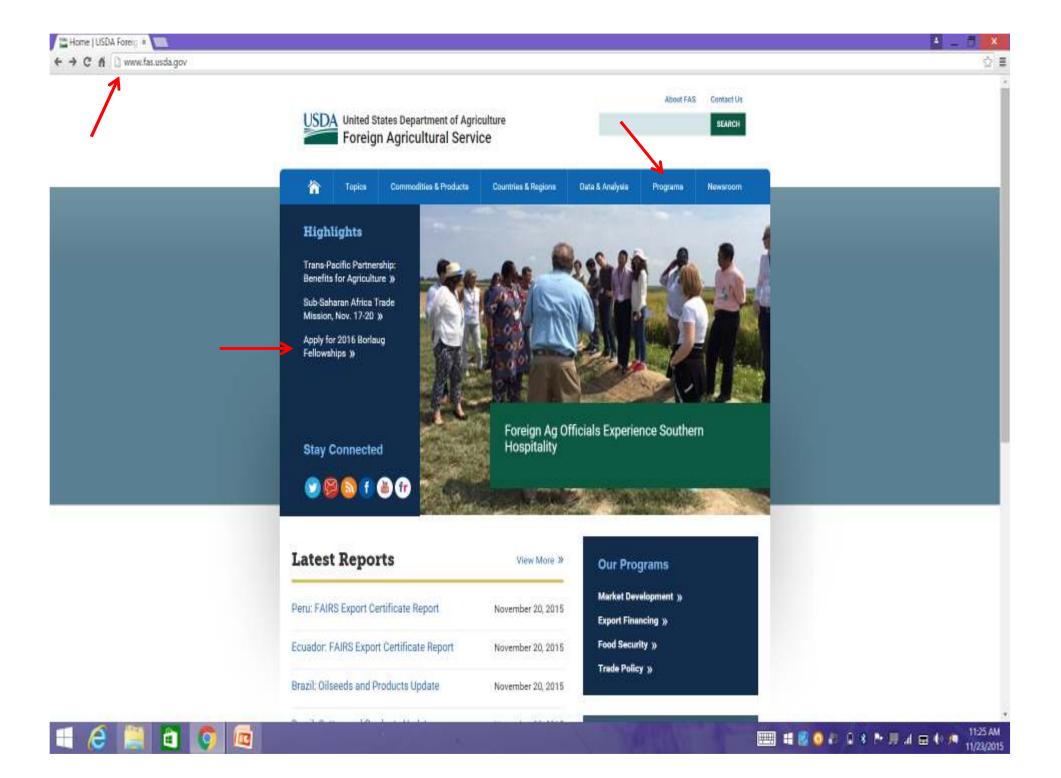
He took up an agricultural research position in Mexico, where he developed semidwarf, high-<u>yield</u>, <u>disease</u>-resistant <u>wheat varieties</u>.

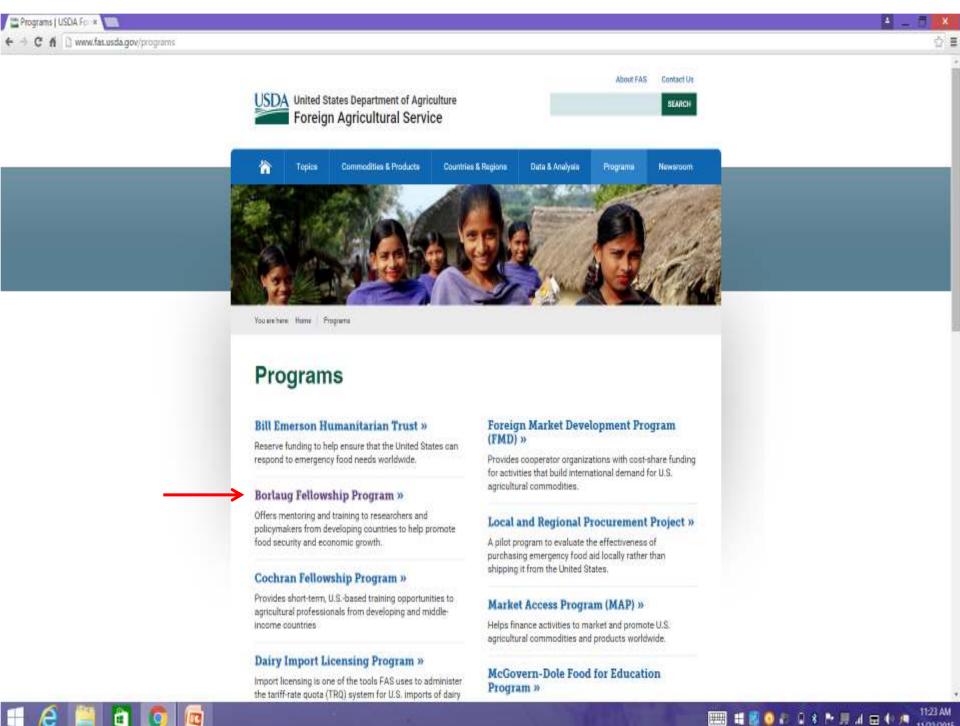
During the mid-20th century, Borlaug led the introduction of these high-yielding varieties combined with modern agricultural production techniques to Mexico, Pakistan, and India. As a result, Mexico became a net exporter of wheat by 1963. Between 1965 and 1970, wheat yields nearly doubled in Pakistan and India, greatly improving the food security in those nations. These collective increases in yield have been labeled the Green Revolution, and Borlaug is often credited with saving over a billion people worldwide from starvation.

Awarded the <u>Nobel Peace Prize</u> in 1970 in recognition of his contributions to <u>world</u> <u>peace</u> through increasing food supply.

Later in his life, he helped applying these methods of increasing food production in Asia and Africa.

Created the World Food Prize in 1986; an international award recognizing the achievements of individuals who have advanced human development by improving the quality, quantity or availability of food in the world.

















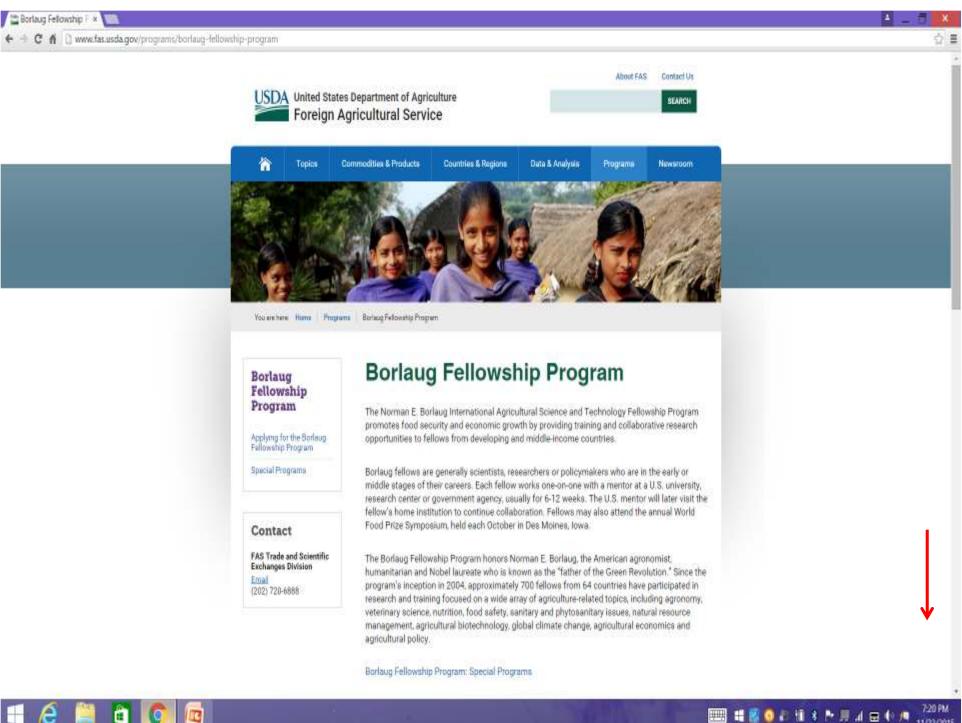






















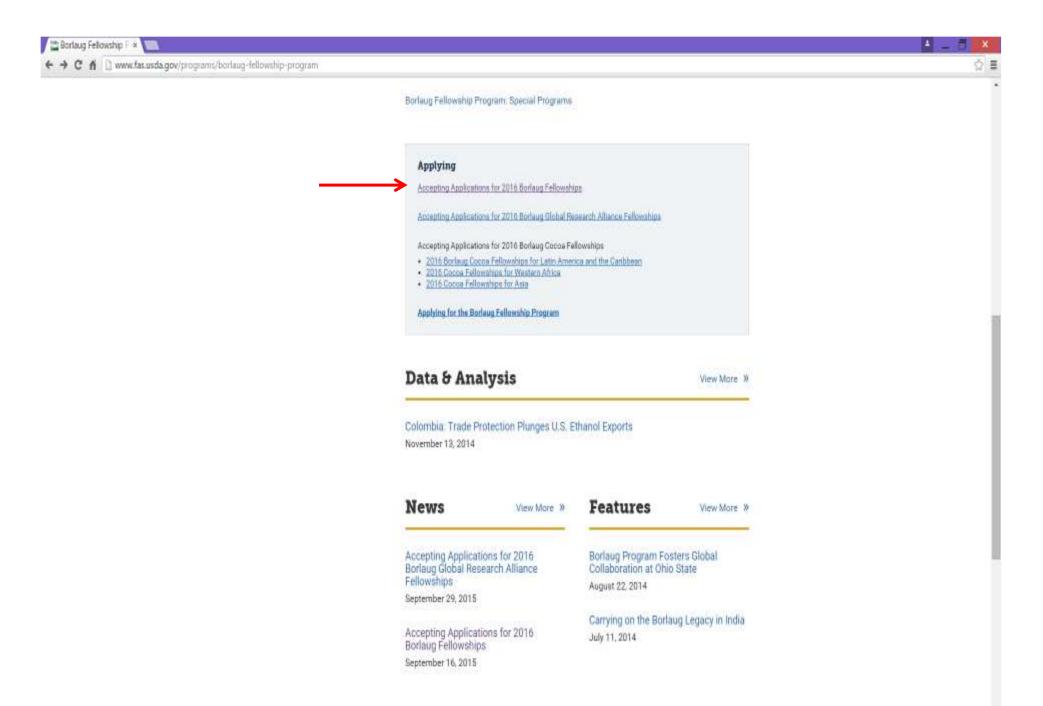






















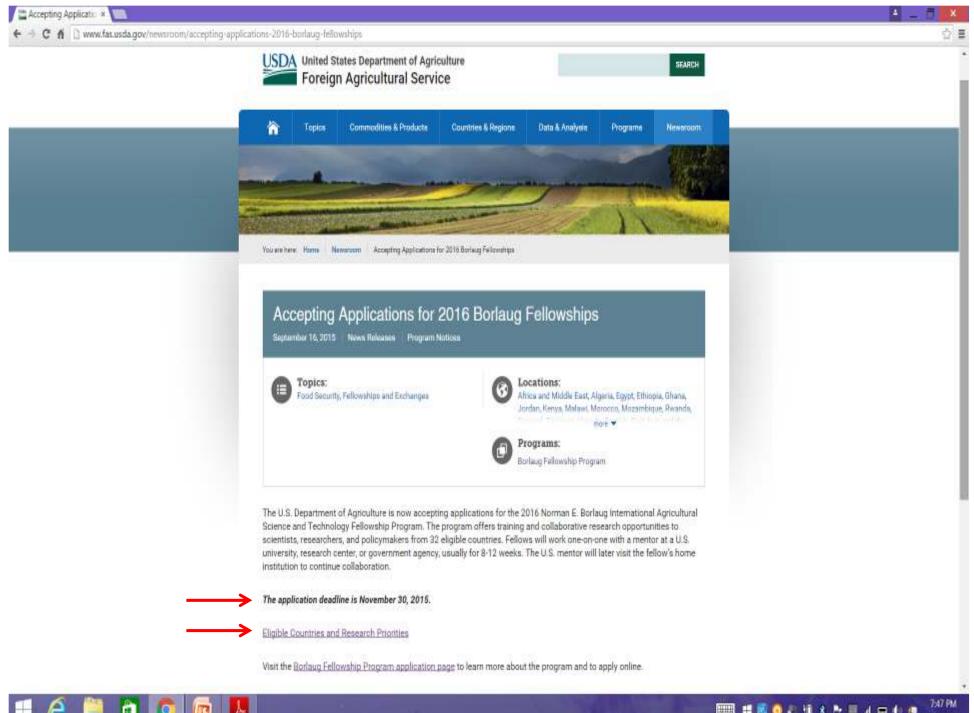














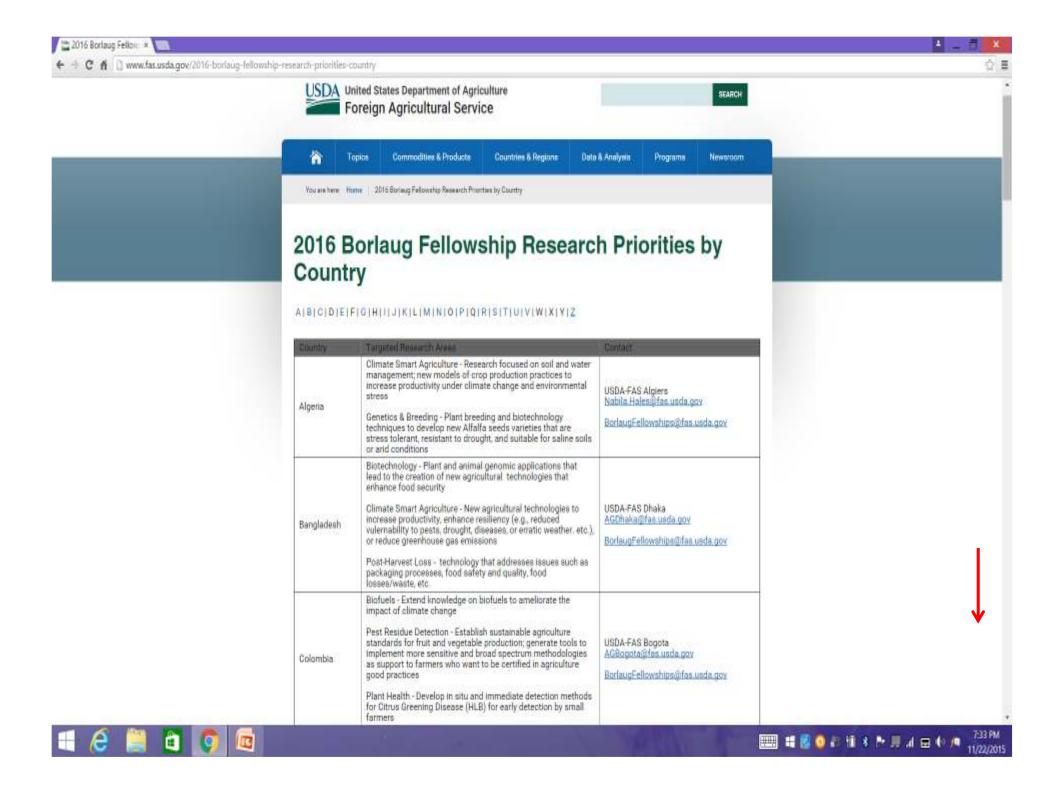


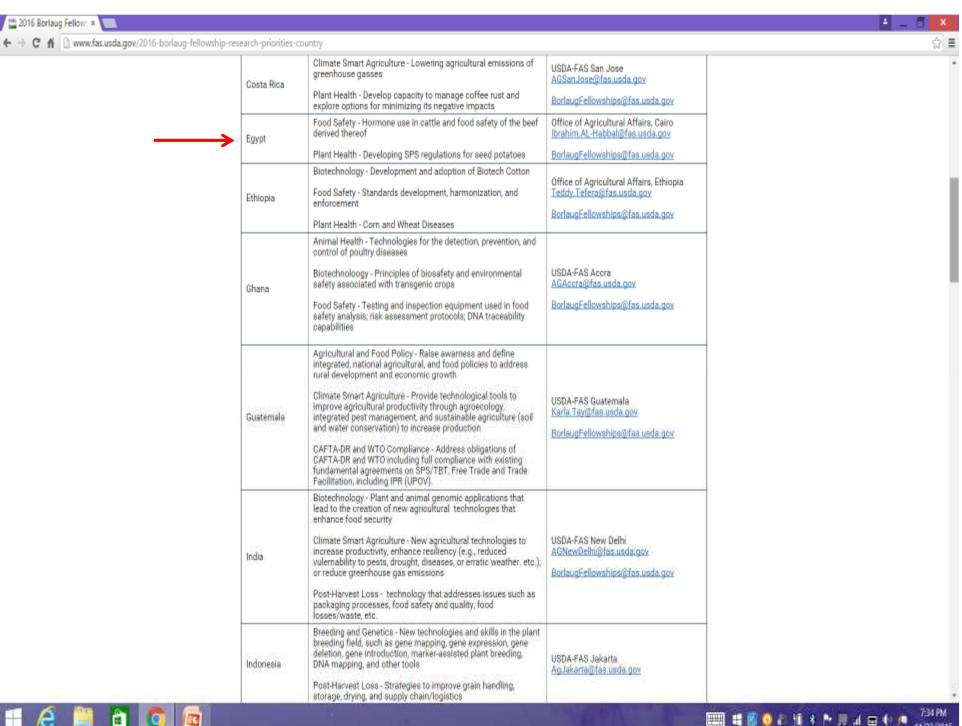






















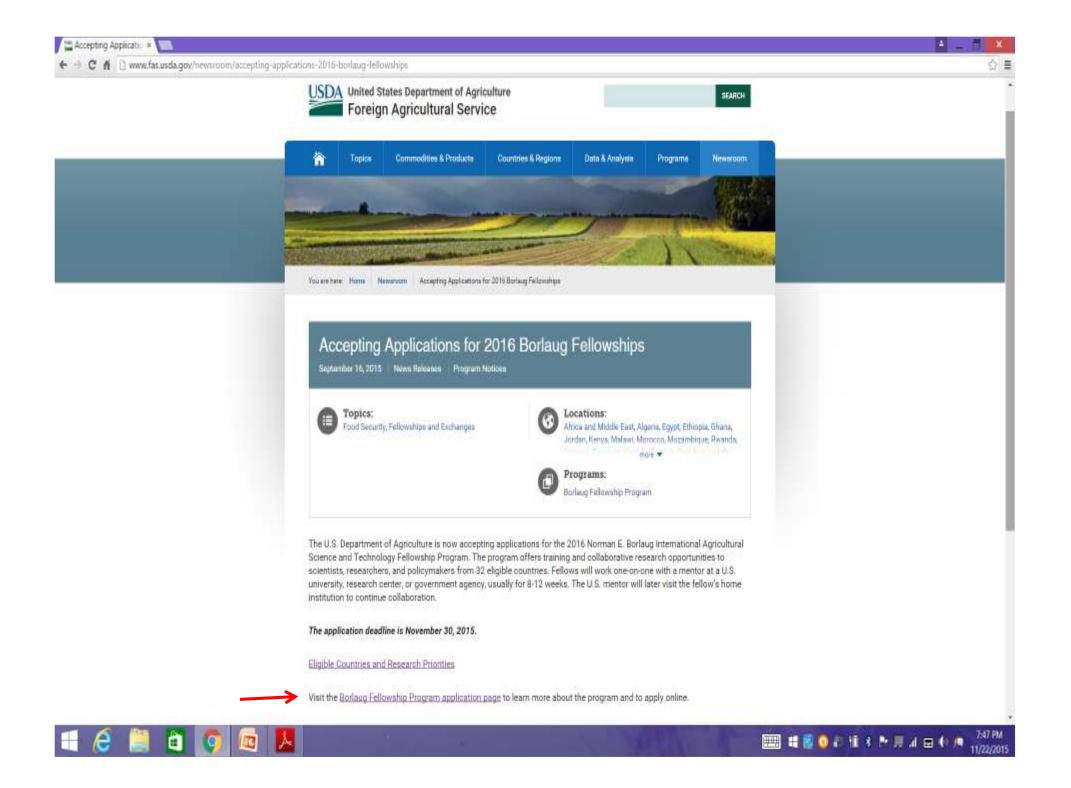












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Borlaug Fellowship Program

The Borlaug Fellowship Program provides opportunities for short-term research projects to improve agricultural productivity, economic development, and food security. It offers training and collaborative opportunities for agricultural research, international agricultural economics, leadership, and policy to researchers. Competitively selected fellows will work one-on-one with a U.S. mentor who will coordinate the training program. After completion of the 10-12 week fellowship, the mentor will visit the fellow's home institution to continue collaboration. USDA will select U.S. host institutions and mentors for each fellow. We will only accept applications on approved topics for each country. Please select this link to view acceptable research proposals for eligible countries.

Application Deadline is November 30, 2015













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Contact:

- If you are tooking for more information, feel free to visit our website at http://www.fas.usda.gov/programs/borlaug-fellowship-program.
- If you have any questions about the application process, please contact.
 BorlaugFeilonships@fas.usda.gov
- If you have any technical questions about how to use the site, please contact <u>micror identification conficult</u> and the software application providers can help address your question.





















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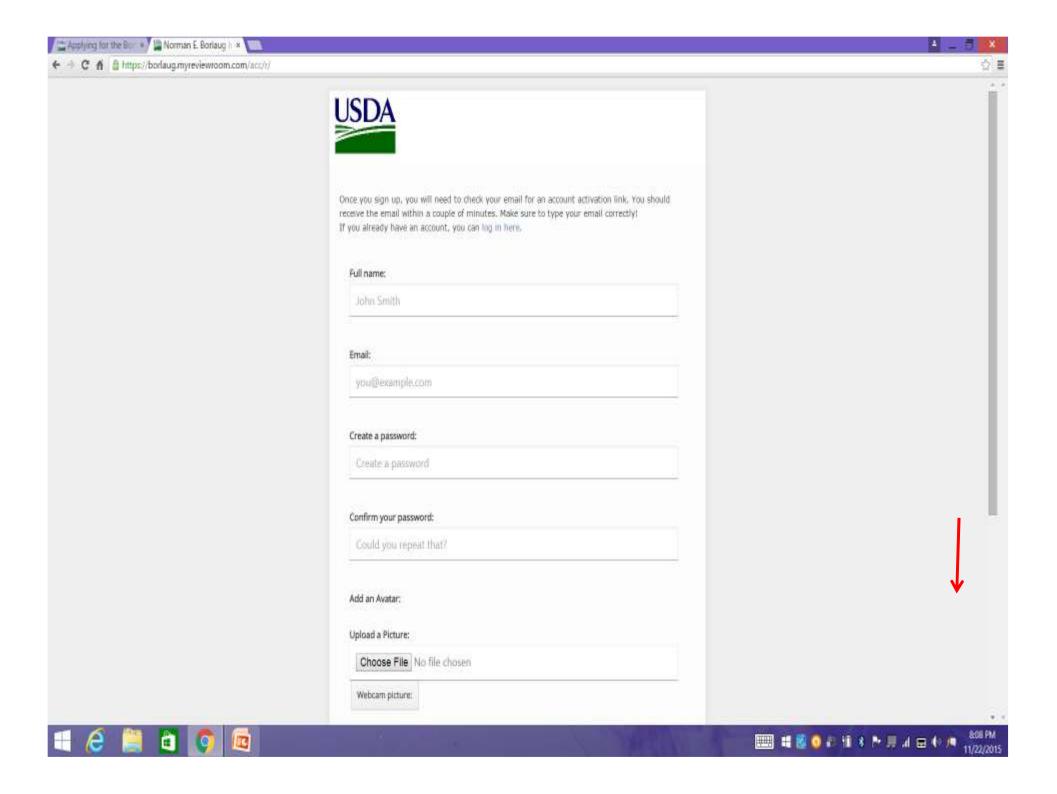


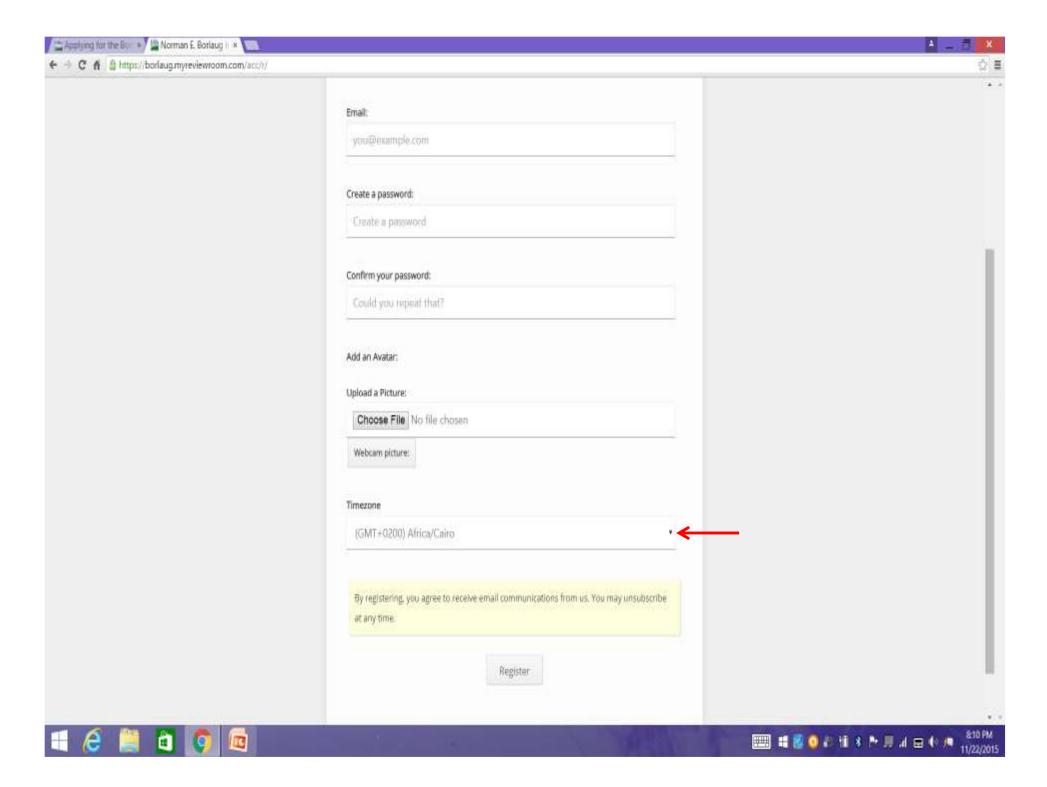


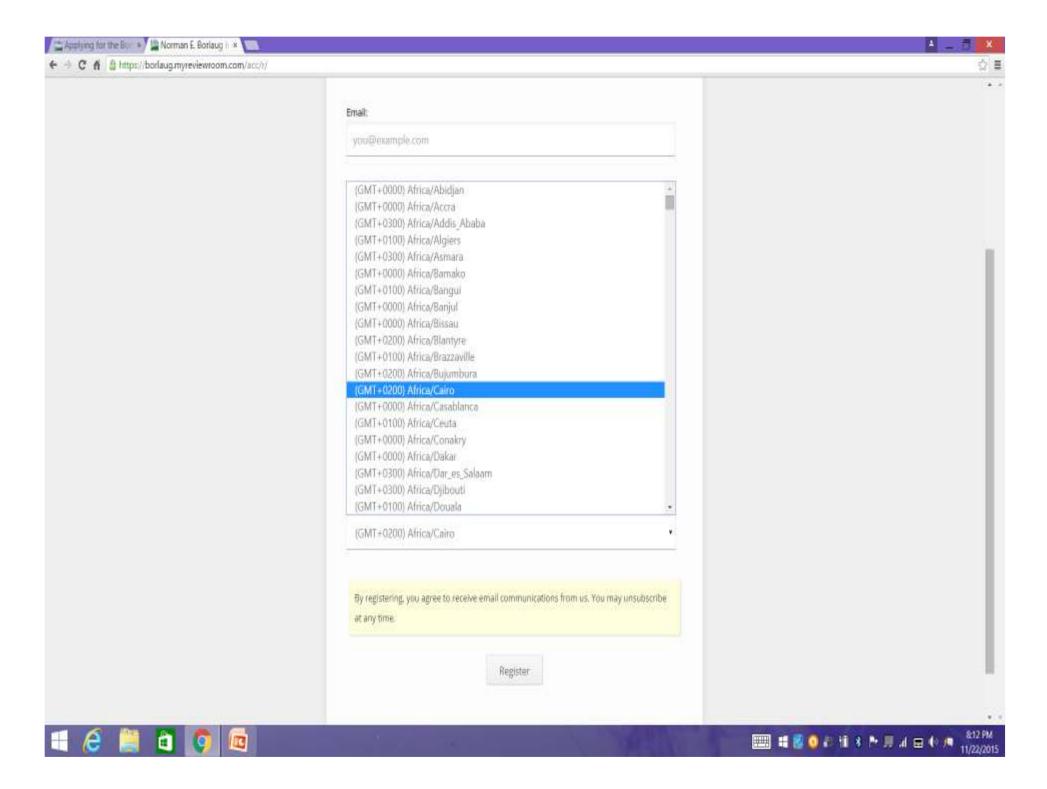


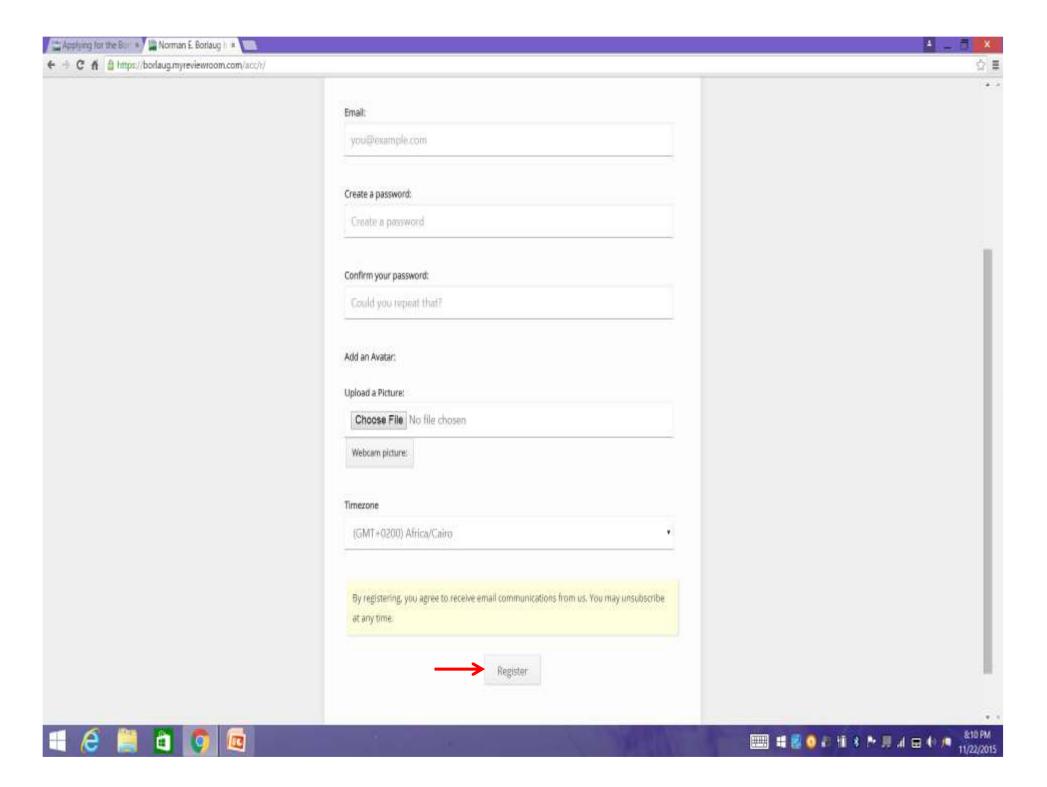












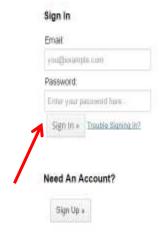
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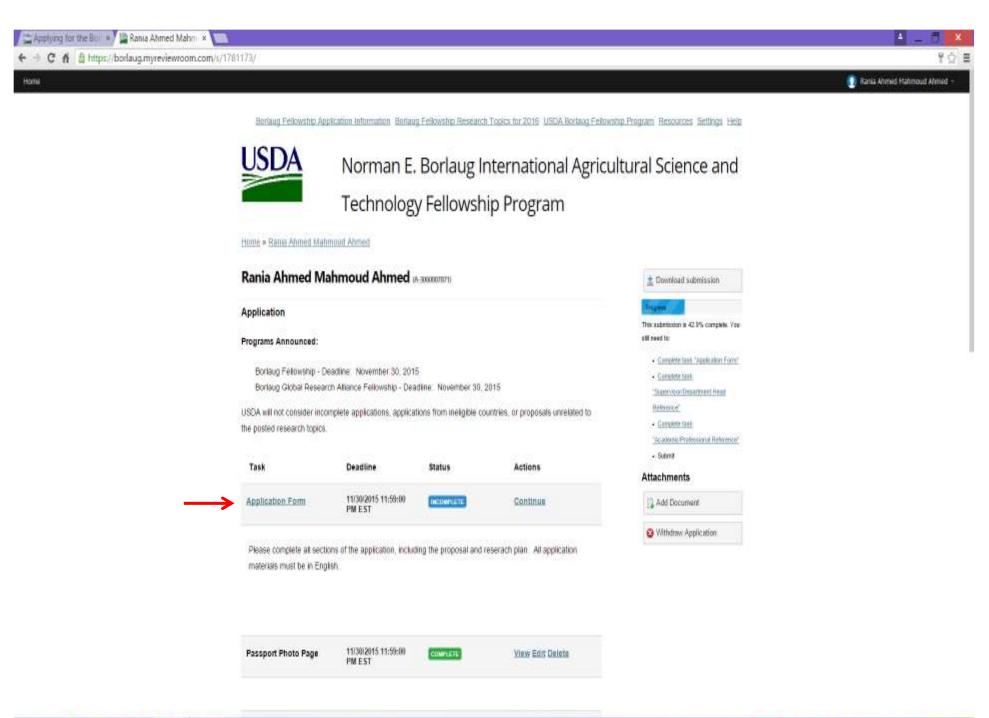


















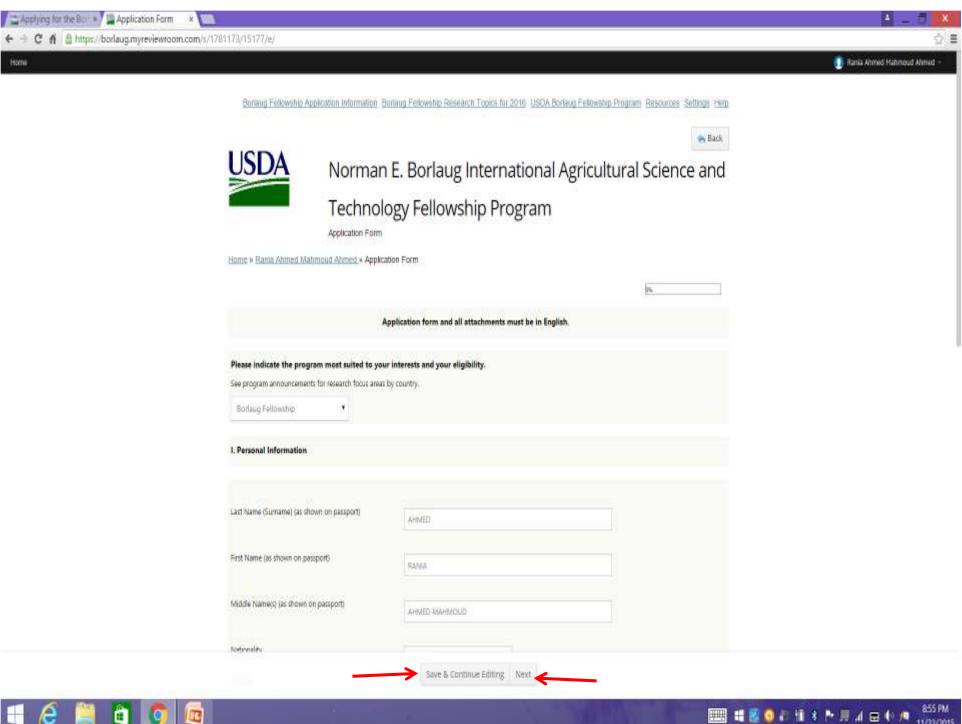






























Application Form

- I. Personal Information
- II. Proposed Topic Summary
- III. Education
- IV. Technical / Professional Training or Courses
- V. Language Skills
- VI. Current Employment
- VII. Previous Employment
- VIII. Awards, Honors, Scholarships
- IX. Professional Publications
- X. Research Proposal
- XI. Research Action Plan
- XII. Applicant Certification

X. Research Proposal

1 to 2 pages (1000 word limit)

Please answer the following questions:

- 1. State the goal(s) of your research proposal in one sentence. ("The goal of my research is to...")
- 2. Identify the specific research objective(s) that will achieve your goal.
- 3. Provide enough background information about your research, explaining it in terms that someone unfamiliar with your scientific field can understand.
- 4. Describe what you hope to accomplish during your fellowship. How do your research interests and scientific background relate to the goals of your proposal? How will working with a mentor in the U.S. help you to achieve your research goals?
- 5. How will a Borlaug Fellowship contribute to enhanced agricultural productivity, economic development, and/or food security in your country?

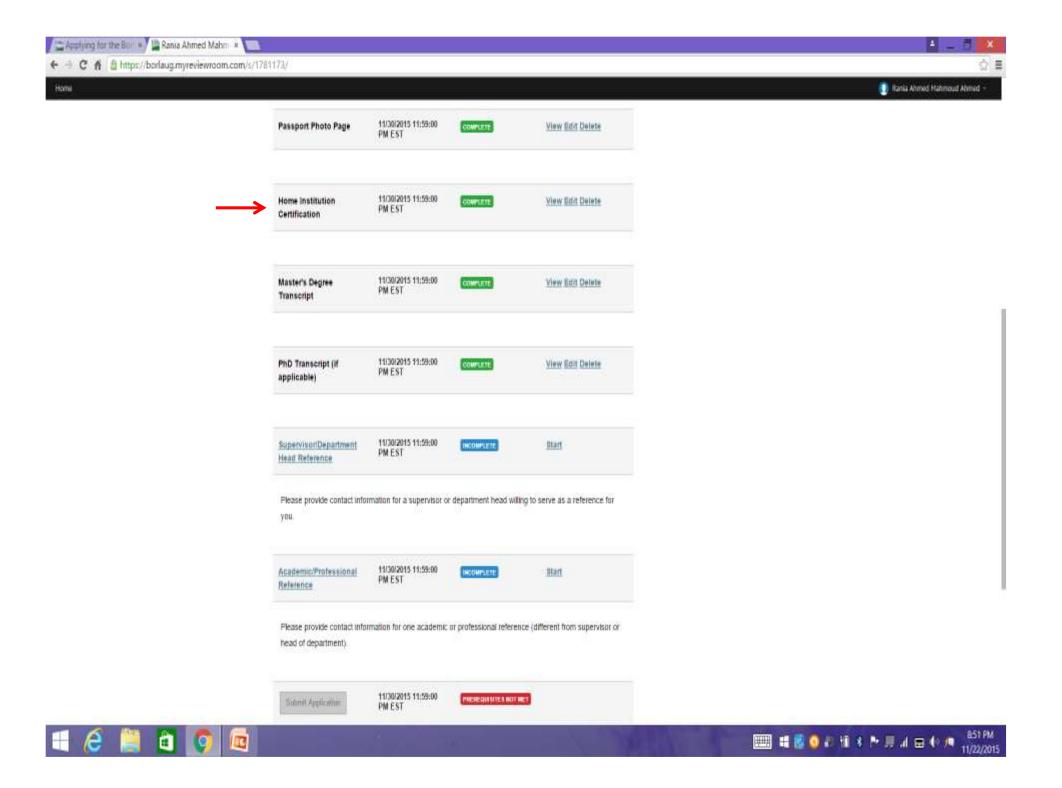
Please number your responses to the questions in the space below, providing each answer as a separate paragraph.

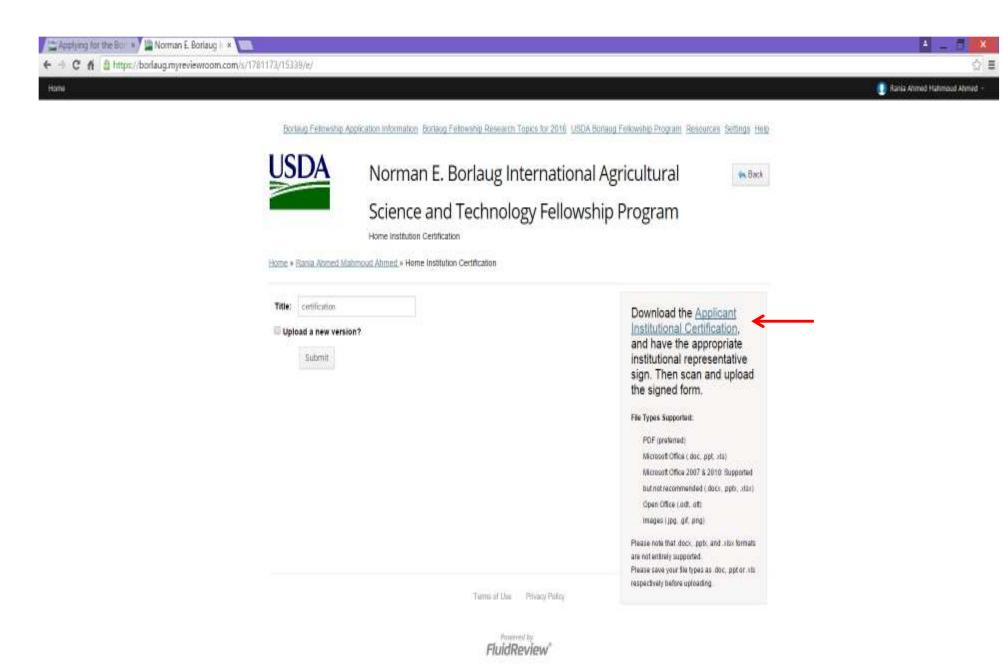
XI. Research Action Plan

1 to 2 pages (1000 word limit)

Assuming a 12-week Fellowship period, provide a weekly plan of proposed research activities and planned outcomes to be accomplished. Your research plan should support your research goals and objectives. We recognize that this plan may change, but we encourage you to be as specific as possible. Note any special materials and/or requirements needed to support your research. Provide a weekly list of activities that links to your proposal's goals and objectives.

Note that part of the first week is generally used for university and laboratory orientations and staff introductions.













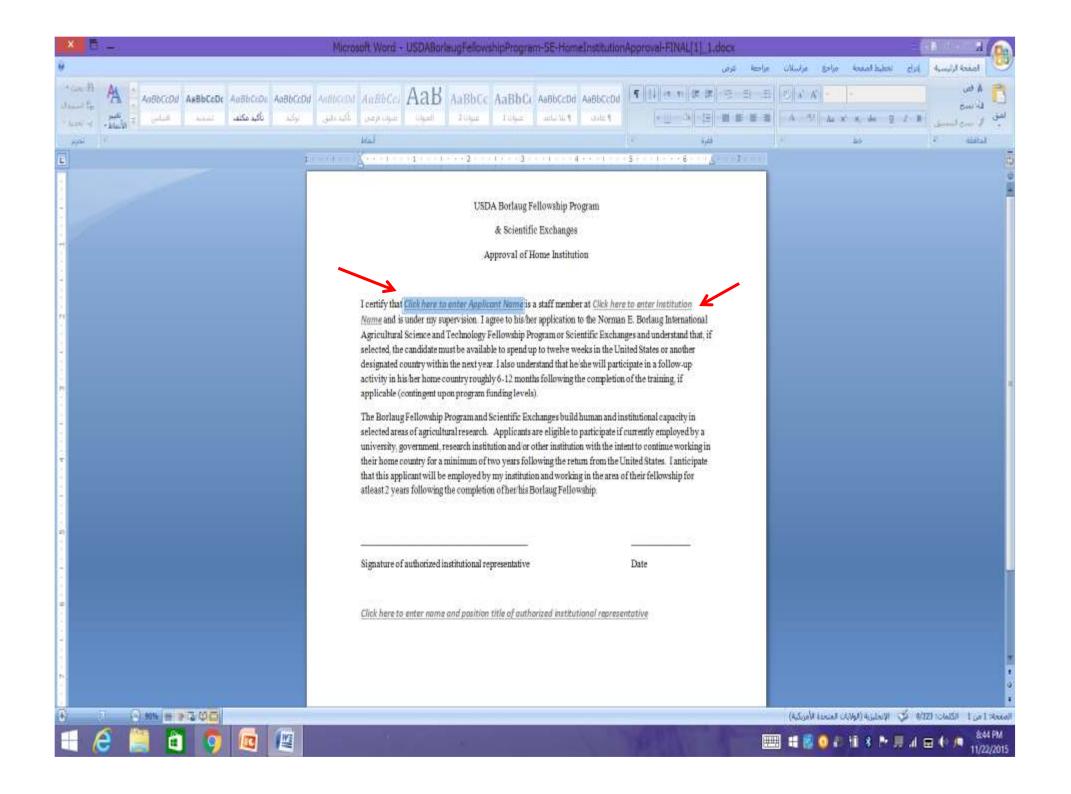


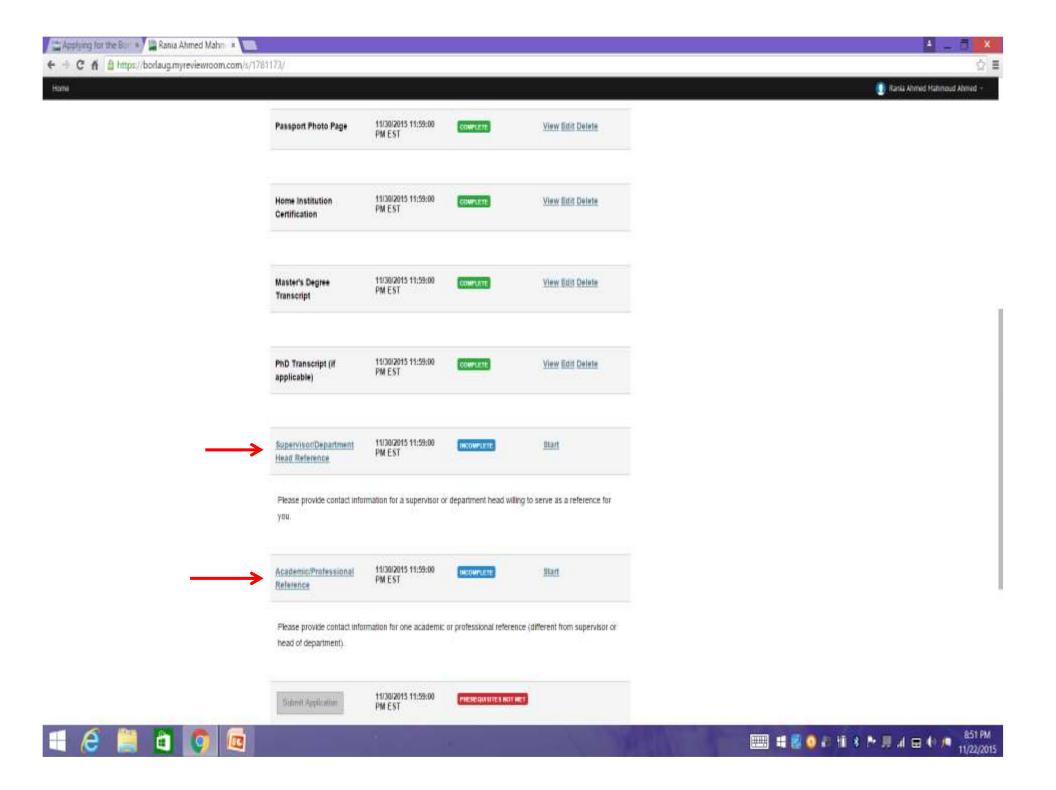














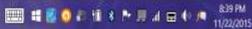




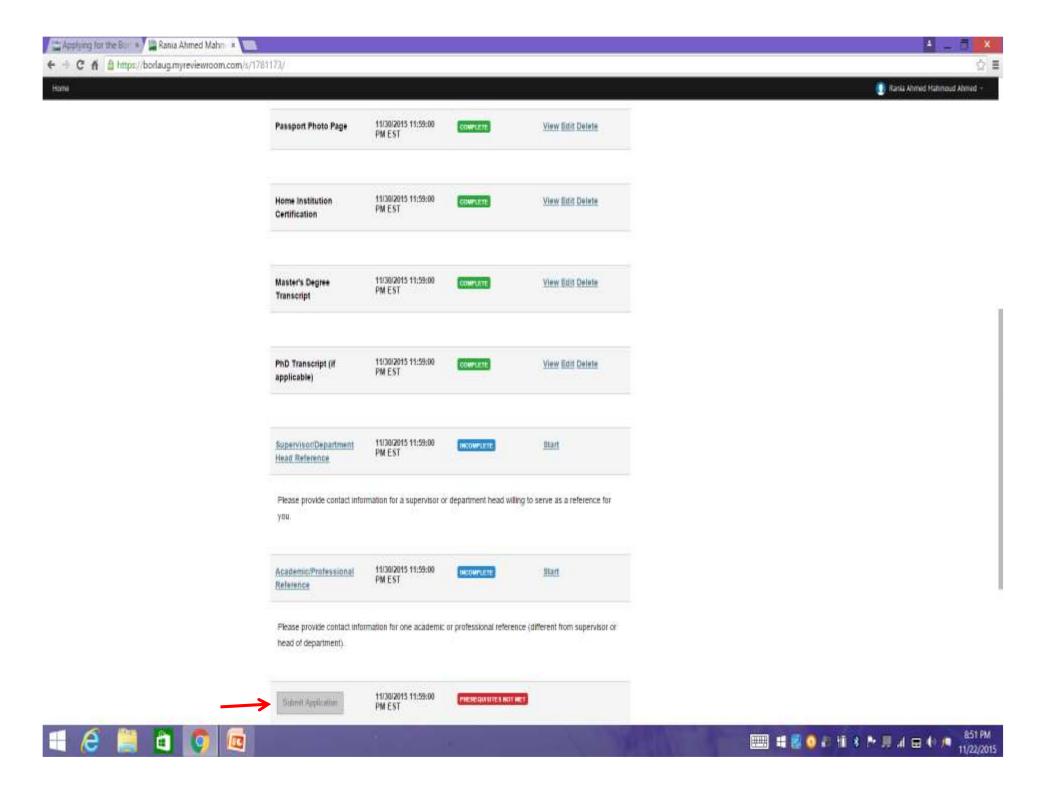














Thanks for your attention

Rania A. M. Ahmed

